

Amendments to the Abstract:

Please amend the abstract to read as follows:

~~The invention relates to a~~ A pump (1) is provided with a housing (2), having an inlet (28) and an outlet (29), a drive (5), a fixed cylinder (2) centered ~~on~~ on a mid-axis (9), a displacer (18), rotating eccentrically within the cylinder (2), a crank drive (13) for the displacer (18), a circumferential sickle-shaped pumping chamber (26) between the cylinder (2) and displacer (18) and a helical sealing element (27, 27', 27'', 39) in the pumping chamber (26). ~~According to the invention, t~~ The pump is embodied as a dry vacuum pump, whereby the displacer (18) circulates in the cylinder (2) without making contact.

~~(drawing figure 1)~~